

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	599	361/106.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 08:06
S2	2468696	telephone (telephone adj (line lines)) telecommunication\$1 communication\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:10
S3	15088	S2 and (thermistor thermistors PTC PTCs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:08
S4	6022	S3 and (protect protecting protection protected)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/05 14:33
S5	6267	S3 and (protect protecting protection protected protects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:07
S6	5791	S5 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/05 14:34
S7	2779	S2 same (thermistor thermistors PTC PTCs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/05 14:36
S8	310	S7 same (protect protecting protection protected protects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/05 14:44
S9	5	((("5410596") or ("5867083") or ("6040972") or ("5407901") or ("4203006")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:03
S10	15	("4467310"   "4661979"   "4695916"   "4878038"   "4964160"   "5057964"   "5146384"   "5198794"   "5198957"   "5204799").PN. OR ("6040972").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:48

S11	8	("3978443"   "4494104"   "5204799"   "5254969"   "5379022").PN. OR ("5867083").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 14:59
S12	5	((("5410596") or ("5867083") or ("6040972") or ("6407901") or ("4203006"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 15:03
S13	3	(US-5867083-\$ or US-4683515-\$ or US-5204799-\$).did.	USPAT	OR	OFF	2006/04/06 09:04
S14	3	(US-5867083-\$ or US-4683515-\$ or US-5204799-\$).did.	USPAT	OR	OFF	2006/04/06 09:04
S15	210	((protect protection protecting protected) same (communication telecommunication)).ti.	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:13
S16	15	("4467310"   "4661979"   "4695916"   "4878038"   "4964160"   "5057964"   "5146384"   "5198794"   "5198957"   "5204799").PN. OR ("6040972").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 09:25
S17	2470792	telephone (telephone adj (line lines)) telecommunication\$1 communication\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:06
S18	257918	S17 and (protect protecting protecting protected protects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:47
S19	4893	S18 and (thermistor thermistors PTC PTCs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:47
S20	4535	S19 and (temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:48
S21	3150	S20 and (resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:48
S22	1493	S21 and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:48

S23	888	S21 and ((room adj temperature) (room near temperature) ("25" adj degrees) ("25" near C))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:54
S24	674	S23 and (input output (input adj terminal) (output adj terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:56
S25	314	S24 and (resistor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 11:57
S26	36812	(communication telecommunication) same (protect\$5)	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:13
S27	1490	S26 same temperature	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:14
S28	161	S27 same resistance	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:14
S29	161	S27 same resistance	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:14
S30	0	S29 same (room near temperature)	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:14
S31	118	S26 same (thermistor thermistors PTC PTCs)	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:15
S32	8	("4903295"   "5555153"   "5909349"   "6031706"   "6040972").PN. OR ("6377435").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 12:26
S33	27	("2010814"   "2382024"   "2609644"   "3768157"   "3914727"   "4024427"   "4031499"   "4099154"   "4200970"   "4210800"   "4419564"   "4434416"   "4730103"   "4792779"   "4959505"   "5057964"   "5142265"   "5218336"   "5233326"   "5510594"   "5990779").PN. OR ("6188307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:57
S34	177	housing with inflammable	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:58
S35	42	S34 and (communication telecommunication)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:58
S36	20	S35 and (protect\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 13:58

S37	10	(US-20050007709-\$).did. or (US-5867083-\$ or US-4683515-\$ or US-5204799-\$ or US-6040972-\$ or US-D292089-\$ or US-6377435-\$ or US-6980411-\$ or US-6188307-\$ or US-5798685-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/06 15:21
S38	4	S37 and (printed adj circuit adj board)	US-PGPUB; USPAT	OR	OFF	2006/04/06 15:21
S39	90	(data adj terminal) same ((printed adj circuit adj board) PCB)	US-PGPUB; USPAT	OR	OFF	2006/04/07 08:53
S40	56	S39 and (communica\$4 telecommunica\$4)	US-PGPUB; USPAT	OR	OFF	2006/04/07 08:56
S41	20	S40 and (protect\$5)	US-PGPUB; USPAT	OR	OFF	2006/04/07 08:53
S42	36	S40 not S41	US-PGPUB; USPAT	OR	OFF	2006/04/07 08:56
S43	10	(US-20050007709-\$).did. or (US-6040972-\$ or US-5867083-\$ or US-4683515-\$ or US-6377435-\$ or US-6188307-\$ or US-5798685-\$ or US-6980411-\$ or US-5204799-\$ or US-D292089-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/07 09:01
S44	4	S43 and (pcb (printed adj circuit adj board))	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:06
S45	3	S44 and (data adj terminal (terminal))	US-PGPUB; USPAT	OR	OFF	2006/04/07 09:02
S46	30	(housing case) near (flammable)	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:06
S47	3	(housing ) near (flammable)	US-PGPUB; USPAT	OR	OFF	2006/04/07 11:07
S48	2470792	telephone (telephone adj (line lines)) telecommunication\$1 communication\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:07
S49	332723	S48 and (protect protecting protection protected protects)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:07
S50	6275	S49 and (thermistor thermistors PTC PTOs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:05
S51	5516	S50 and (housing housed case casing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:09

S52	0	S50 and ((housing housed case casing) near (inflammable inflamm\$5))\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:10
S53	0	S50 and ((housing housed case casing) near (inflammable inflamm\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:13
S54	54	S50 and ((housing housed case casing) same (inflammable inflamm\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 11:13
S55	3	housing near inflammable	US-PGPUB; USPAT	OR	OFF	2006/04/10 09:18
S56	4	housing near (inflammable nonflammable)	US-PGPUB; USPAT	OR	OFF	2006/04/10 09:18
S57	10	((US-20050007709-\$).did. or (US-6040972-\$ or US-5867083-\$ or US-4683515-\$ or US-6377435-\$ or US-5798685-\$ or US-6188307-\$ or US-5204799-\$ or US-D292089-\$ or US-6980411-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/10 10:03
S58	0	S57 and (automat\$4 same insert\$4)	US-PGPUB; USPAT	OR	OFF	2006/04/10 10:49
S59	6	automated adj component adj insertion adj machine	US-PGPUB; USPAT	OR	OFF	2006/04/10 10:51
S60	91271	housing same (telecommunication communication)	US-PGPUB; USPAT	OR	OFF	2006/04/12 10:16
S62	2938	S60 same (telephone phone)	US-PGPUB; USPAT	OR	OFF	2006/04/12 10:17
S63	114	S62 same (protect protecting protection)	US-PGPUB; USPAT	OR	OFF	2006/04/12 10:17
S64	2	("0292089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 11:41
S65	1	("D292089").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/12 11:42
S66	1	("6183304").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/14 13:46
S67	592	(361/106).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 14:02
S68	121	S67 and (thermistor\$1)	US-PGPUB; USPAT	OR	ON	2007/04/05 14:05
S69	2671	(thermistor\$1) same (housing)	US-PGPUB; USPAT	OR	ON	2007/04/05 14:05
S70	370	S69 same (terminal\$1)	US-PGPUB; USPAT	OR	ON	2007/04/05 15:25

S71	1	thermistor\$1 and (housing same (voltage adj proof\$2))	US-PGPUB; USPAT	OR	ON	2007/04/05 15:26
S72	15	(housing same (voltage adj proof\$2))	US-PGPUB; USPAT	OR	ON	2007/04/05 15:29
S73	1	S72 and (thermistor)	US-PGPUB; USPAT	OR	ON	2007/04/05 15:28
S74	97	(thermistor\$1) and (housing casing) and ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 16:04
S75	3	(thermistor\$1) same (housing casing) same ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/06 16:05
S76	0	(thermistor\$1) same (housing casing) same ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT	OR	OFF	2007/04/06 16:05
S77	94	(thermistor\$1) and (housing casing) and ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT	OR	OFF	2007/04/06 16:06
S78	0	(thermistor\$1) same (housing casing) same ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT	OR	OFF	2007/04/06 16:05
S79	880	(housing casing) same ("LCP" "liquid crystal polymer")	US-PGPUB; USPAT	OR	OFF	2007/04/06 16:06
S80	18	S79 and (thermistor\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/06 16:06
S81	1	("6188307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/06 16:10
S82	17	housing near (LCP (liquid adj crystal adj polymer))	US-PGPUB; USPAT	OR	OFF	2007/04/09 09:59
S83	0	S82 same (thermistor\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/09 09:41
S84	0	S82 and (thermistor\$1)	US-PGPUB; USPAT	OR	OFF	2007/04/09 09:41
S85	0	S82 same (temperature adj sensor)	US-PGPUB; USPAT	OR	OFF	2007/04/09 09:50
S86	0	S82 and (temperature adj sensor)	US-PGPUB; USPAT	OR	OFF	2007/04/09 09:50
S87	21	(hous\$3 casing) near (LCP (liquid adj crystal adj polymer))	US-PGPUB; USPAT	OR	OFF	2007/04/09 11:17
S88	0	S87 and (thermistor\$1)\	US-PGPUB; USPAT	OR	OFF	2007/04/09 10:00
S89	9	S87 and (temperature)	US-PGPUB; USPAT	OR	OFF	2007/04/09 10:00
S90	951	(hous\$3 casing) same (LCP (liquid adj crystal adj polymer))	US-PGPUB; USPAT	OR	OFF	2007/04/09 11:17

S91	3	S90 same (temperature adj sensor)	US-PGPUB; USPAT	OR	OFF	2007/04/09 11:17
S92	1	("20020172259").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/09 09:26
S93	84988	(thermistor thermistors PTC PTCs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:06
S94	63553	S93 same (resistance temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:06
S95	14765	S94 and (telephone (telephone adj (line lines)) telecommunication\$1 communication\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:07
S96	837	S95 and (over\$1current (over adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:08
S97	316	S96 and (insulat\$3) and (protect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 15:09
S98	17	("4873507").PN. OR ("5210517").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/07 17:10
S99	0	("8218747").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/07 17:10
S100	0	("8218747").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/07 17:10
S101	2	08/218,747	US-PGPUB; USPAT	OR	ON	2007/11/07 17:27
S102	1	("6188307").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/07 18:57

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